

## Cibaline M257A

**Cibaline M257A** is an acrylic resin for making three-component traffic paints. The paints made with this resin in combination with Cibaline M257B and benzoyl peroxide are hardened at ambient temperature and can be applied with thicknesses greater than 2 mm.

### Applications

- Production of three-component traffic paints for marking asphalt surfaces.
- Pedestrian lines.
- Painting speed bumps and creating warning signs.

### Properties

- 1- High strength and hardness.
- 2- Excellent adhesion to various surfaces.
- 3- Suitable flexibility and toughness.
- 4- High resistance to wear, humidity, and fuel.

### Specifications

Property	Value	Unit
Color	hazy	-
Viscosity FC4	13-18	sec
*Gel Time (25 °C)	14-18	min
Curing Time (25 °C)	18-25	min
Density	0.95	g/ml

\* 2% Cibaline M257B- 0.2% BPO

### Consumption guide

After adding the second component (Cibaline M257B) to the resin or paint, (at a temperature lower than 30 °C), it should be used for a maximum of one week. At higher temperatures, the gelation time decreases. The temperature of the road surface during paint application should be between 10 -35 °C.

### Packaging

- Metal Barrel of 200 Kg net.

### Storage

The resin should be stored indoors in its original, unopened, and undamaged container in a dry place at storage temperatures below 30 °C, for up to 6 months. Exposure to direct sunlight should be avoided.

## Cibaline M257B

**Cibaline M257B** is the curing accelerator of acrylic resins used in the production of three-component traffic paints and causes to harden these paints at ambient temperature by adding benzoyl peroxide.

### Specifications

Property	Value	Unit
Color	Clear yellow to brown liquid	-
Viscosity FC4	24-30	sec
Density	1.08	g/ml

### Consumption guide

- This product is added to accelerate the curing of paints made with Cibaline M256. Its usage rate is 1.2-2.2% (relative to the resin) and it is mixed with paint before adding benzoyl peroxide.
- After adding this component to the resin or paint, (at a temperature lower than 30 °C), it should be used for a maximum of one week. At higher temperatures, the gelation time decreases.

### Storage

The product should be stored indoors in its original, unopened, and undamaged container in a dry place at storage temperatures below 30 °C, for up to 6 months. Exposure to direct sunlight should be avoided.

## Cibaline M257C

**Cibaline M257C** is the curing agent of acrylic resins used in the production of three-component traffic paints and adding about 1% of it causes the paint to harden at ambient temperature.

### Specifications

Property	Value	Unit
Color	White powder	-
Peroxide	49-51	%
Active oxygen	3.2-3.4	%
Density @ 20°C	0.650	g/ml

### Consumption guide

- This product is added to the paints made with Cibaline M256 to initiate the process. First, the paint made with Cibaline M256 is completely mixed with Cibaline M257B. Then 0.8-1.2% of Cibaline M257c is added to it, mixed well, and then paint is applied.
- Placing Cibaline M257C at temperatures above 55 °C or direct mixing with Cibaline M257B can cause explosion and fire.

### Storage

The product should be stored indoors in its original, unopened, and undamaged container in a dry place at storage temperatures below 30 °C, for up to 6 months. Exposure to direct sunlight should be avoided.